

~~C-O-N-F-I-D-E-N-T-I-A-L~~

## REPORT

## CD NO.

DATE DISTR. 9 May 1955

NO. OF PAGES 5

NO. OF ENCLS.  
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SUPPLEMENT TO  
REPORT NO.

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COUNTRY	USSR	REPORT	
TOPIC	Shin-Zavod Tire Plant in Dnepropetrovsk		
			25X1
EVALUATION		PLACE OBTAINED	
			25X1
DATE OF CONTENT			
DATE OBTAINED		DATE PREPARED	16 February 1955
			25X1
REFERENCES			
PAGES	2	ENCLOSURES (NO. & TYPE)	1 - one sketch on ditto, with legend
			25X1
REMARKS			
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1. The Shin-Zavod Tire Plant was located at the southern edge of Dnepropetrovsk, about 500 meters northwest of the automobile works. The factory was connected to a railroad line which passed south of the installation. About 500 meters to the southeast, a macadam road, 5 meters wide, intersected the highway running from Dnepropetrovsk to the west. A streetcar line ran along this highway. The Shin-Zavod plant was connected to Dnepropetrovsk by a paved road, 6 meters wide. 25X1
2. Subject installation was to be a tire delivery plant for an adjacent automobile work. Construction work on it was started in mid-1949; the machinery was installed after the spring of 1951, and the production of tires was to begin in 1953.
3. [redacted] estimated the factory area at 600 x 400 meters. The most important installations available included: 25X1
  - a five-section production shop, measuring about 360 x 200 meters
  - a workshop with boiler house, measuring about 70 x 40 meters
  - a laboratory of about 150 x 20 meters
  - two storage sheds, namely one shed for the storage of raw materials, measuring about 60 x 12 meters; and a shed for the storage of finished products, measuring about 120 x 30 meters
  - an administration and a social welfare buildings, measuring about 60 x 60 meters and 50 x 30 meters respectively
  - a motor vehicle repair shop and a garage, about 120 meters square.

All the buildings were steel skeleton structures. The production shops and storage depots were provided with loading ramps and had railroad connections. Prior to March 1951, only a 20-ton railroad crane and 4 x 10-ton travelling cranes were seen in the main production shop. Work on the installation of machinery had not yet begun by that date. 25X1

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in Dnepropetrovsk

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Some of the machinery had, however, already arrived and was stored in crates in the workshop. Most of the machinery had been dismantled in East Germany. Some of the crates were enlettered "Wolff/Buckau", "Krupp-Gruson" and "Polte". 1

4. The factory was allegedly designed to manufacture all the tires and inner tubes required by the adjacent automobile works, which reportedly completed a motor vehicle every 30 minutes. Assuming that a new motor vehicle requires six tires including one or two reserve tires, the planned daily capacity of the tire plant may therefore be tentatively estimated at 300 tires and inner tubes per day.
5. The Shin-Zavod received its electric power via a high-tension line from a nearby power plant which had been built in 1950 and 1951. This power plant was equipped with oil burning steam turbines. It also served the automobile works, a varnish factory, and the new settlements built west and southwest of Dnepropetrovsk. Water was furnished to subject installation by the automobile works. The two installations were connected by a water pipe, 60 to 70 cm in diameter and about 2 meters underground. No information was available on coal and raw materials shipments. About 1,000 x 50 kg barrels of carbide were stored in the factory.
6. Chief engineer of the installation reportedly was one Fuchs (fnu). The factory area was surrounded by a 2-meter brick wall and a board fence, each of them topped by strands of barbed wire. The wall and the fence were about 3 meters apart. Watch towers were erected along the fences. The area was guarded by civil factory police armed with carbines. A factory fire brigade did not exist. Fire fighting equipment was, however, available in the individual workshops.

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Comment. For layout of the tire plant, see Annex.

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Legend:

- 1 Production shop
- 2 Workshop and boiler houses
- 3 Laboratory
- 4 Storage sheds
- 5 Administration building
- 6 Social welfare building
- 7 motor vehicle repair shop and garage
- 8 Factory road
- 9 Spur track
- 10 High tension line

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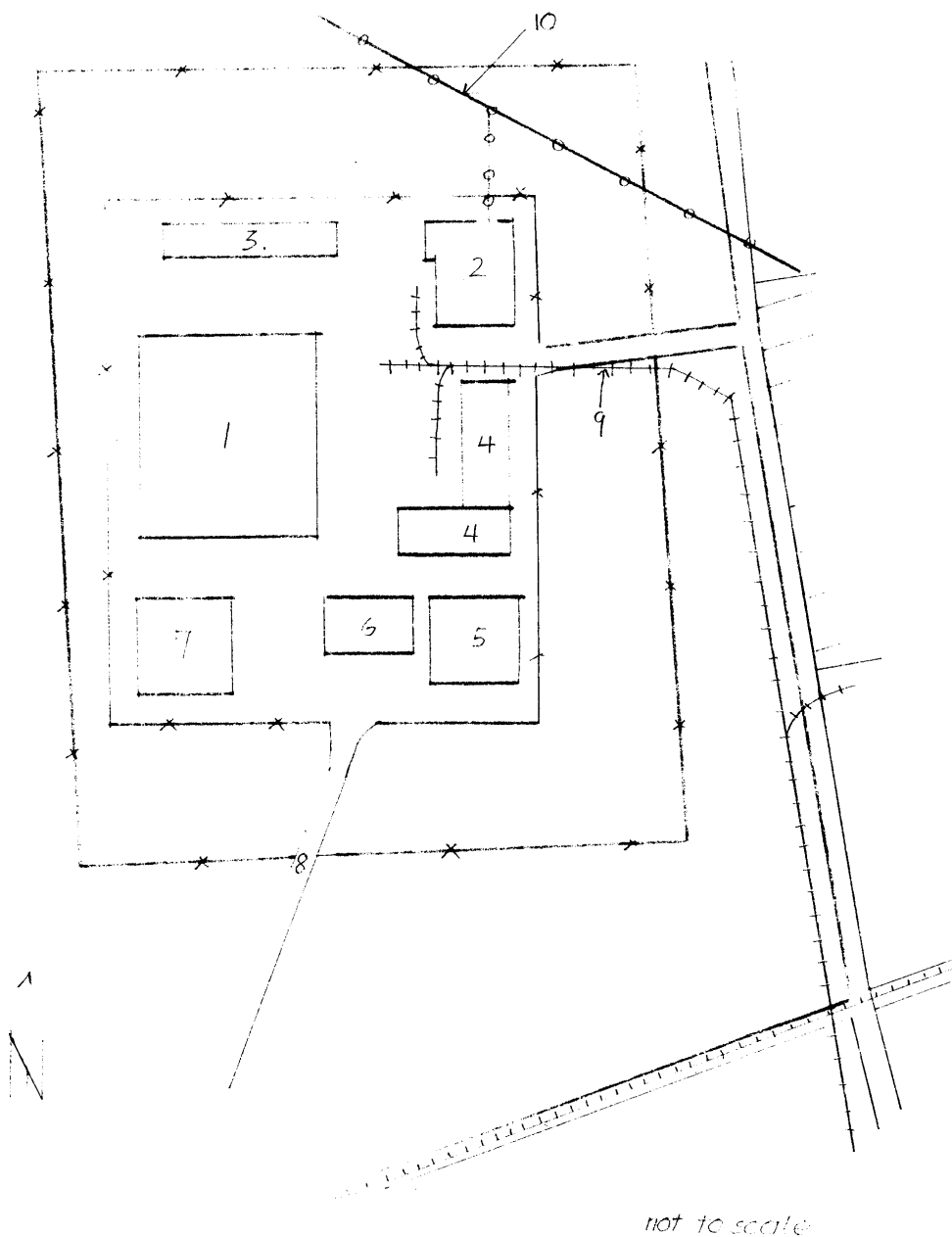
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Annex

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 CENTRAL INTELLIGENCE AGENCY  
**INFORMATION REPORT**

REPORT 

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DATE DISTR.

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SUPPLEMENT TO  
REPORT NO.

COUNTRY USSR (Ukrainian SSR)

SUBJECT 1. Tire Plant in Dnepropetrovsk  
 2. Estimate of Production Rate at Dnepropetrovsk  
 Automobile Works

PLACE  
ACQUIREDDATE OF  
INFO.

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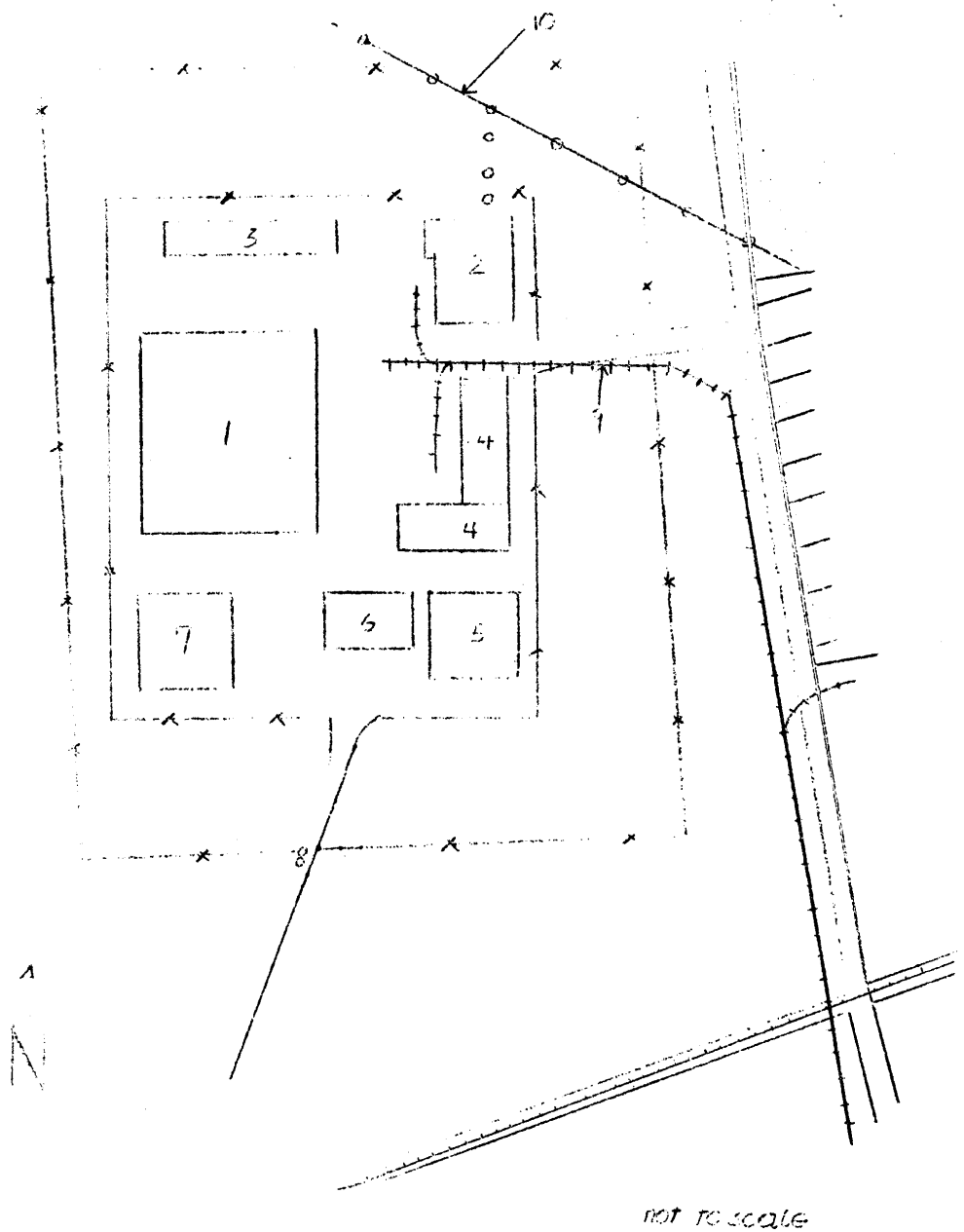
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